FIG.1

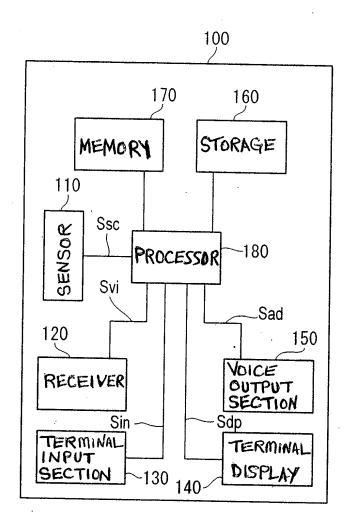


FIG.6

180 CURRENT POSITION RECOGNIZER ~181 DESTINATION -182 RECOGNIZER GHIDANCE PROVIDING SECTION -183 DISPLAY -184 CONTROLLER MAP MATCHING SECTION 185 COORDINATE MATCHING SECTION -186 TRAFFIC JAM CONDITION RECOGNIZER ~187 ROUTE PROCESSOR ~188 INFORMATION RETRIEVER ~189 CALENDAR MODIFYING SECTION TIMER -191

FIG.13

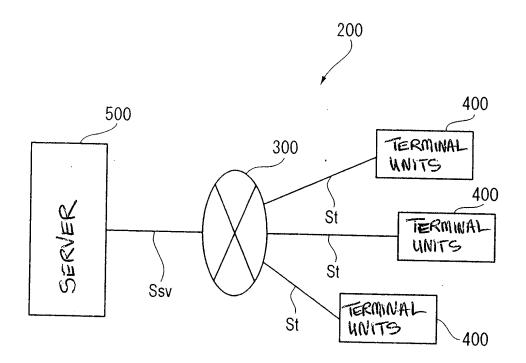


FIG.14

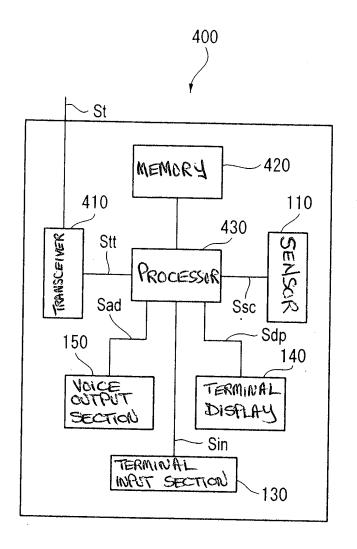


FIG. 15

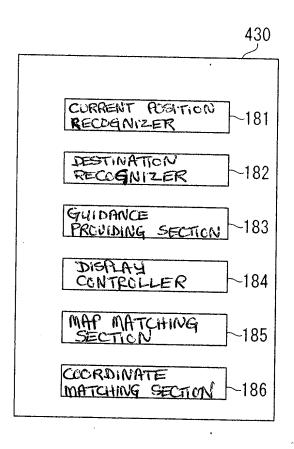


FIG.16

